

PPTC Solution - USB PD Profile

SMD for USB Type-C application

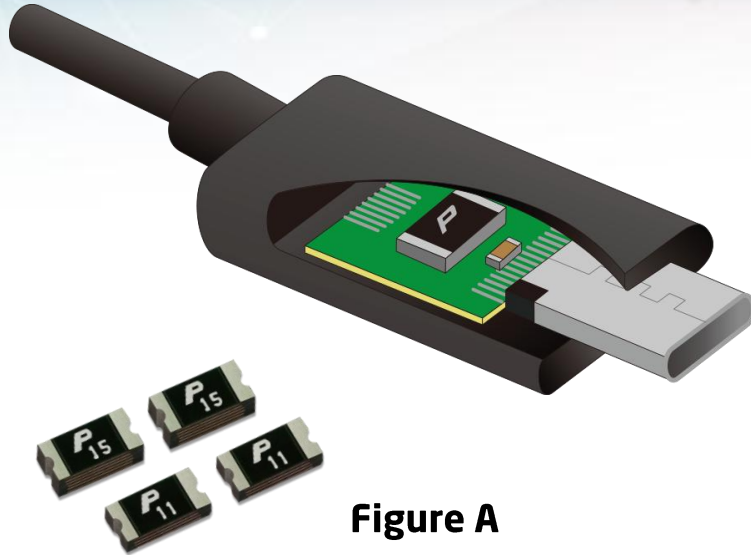


Figure A

PED for Type-C application

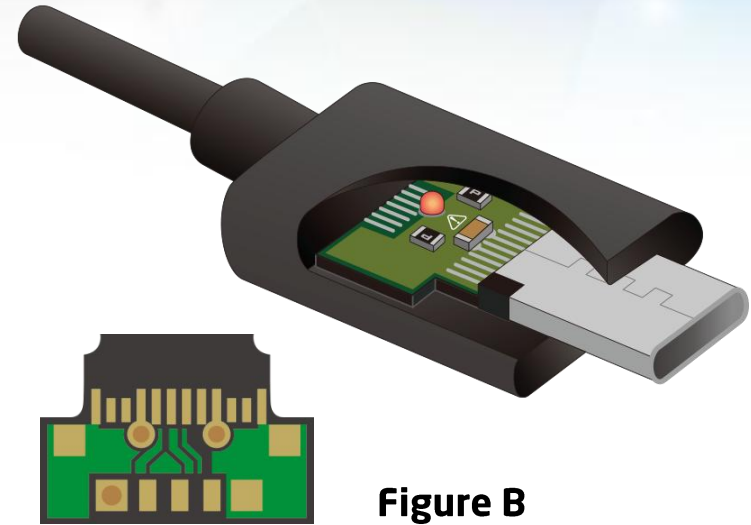


Figure B

P1	P2	P3	P4	P5	USB PD	Voltage	Current	PPTC P/N	Vmax (Vdc)	Ihold 23°C (A)	Ihold 50°C (A)	R1max (mΩ)	Figure
✓	✓	✓	✓	✓	10W	5V	2.0A	SMD1206P350SLR/12-Y	12	3.50	2.45	20	A
	✓				18W	12V	1.5A	SMD1206P350SLR/12-Y	12	3.50	2.45	20	A
		✓	✓		36W	12V	3.0A	SMD1206P500SLR/12-Y	12	5.00	3.50	12	A
			✓		60W	20V	3.0A	PED3625P400F/20 *	20	4.00	3.00	12	B
				✓	60W	12V	5.0A	PED3625P600F	16	6.00	5.00	10	B
				✓	100W	20V	5.0A	PED3625P600F/20 *	20	6.00	5.00	10	B